



SEQUENCE LISTING

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Niggeweg, Ricarda

<120> Plant-Derived Transferase Genes

<130> 0380-P03542US0

<140> US 10/518,884

<141> 2004-12-20

<150> PCT/GB2003/002645

<151> 2003-06-17

<150> GB 0214406.1

<151> 2002-06-21

<160> 23

<170> PatentIn version 3.1

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35 40 45

Lys Pro Asn Gly Ser Ser Asn Phe Phe Asp Asn Lys Val Ile Lys Glu
50 55 60

Ala Leu Ser Asn Val Leu Val Ser Phe Tyr Pro Met Ala Gly Arg Leu
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Gly Arg Asp Glu Gln Gly Arg Ile Glu Val Asn Cys Asn Gly Glu Gly
85 90 95

Val Leu Phe Val Glu Ala Glu Ser Asp Ser Cys Val Asp Asp Phe Gly
100 105 110

Asp Phe Thr Pro Ser Leu Glu Leu Arg Lys Leu Ile Pro Ser Val Glu
115 120 125

Thr Ser Gly Asp Ile Ser Thr Phe Pro Leu Val Ile Phe Gln Ile Thr
130 135 140

Arg Phe Lys Cys Gly Gly Val Ala Leu Gly Gly Gly Val Phe His Thr
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Leu Ser Asp Gly Leu Ser Ser Ile His Phe Ile Asn Thr Trp Ser Asp
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 Ile Ala Arg Gly Leu Ser Val Ala Val Pro Pro Phe Ile Asp Arg Thr
 180 185 190
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 195 200 205
 Tyr His Pro Pro Pro Thr Leu Asn Ser Ser Lys Asn Arg Glu Ser Ser
 210 215 220
 Thr Thr Thr Met Leu Lys Phe Ser Ser Glu Gln Leu Gly Leu Leu Lys
 225 230 235 240
 Ser Lys Ser Lys Asn Glu Gly Ser Thr Tyr Glu Ile Leu Ala Ala His
 245 250 255
 Ile Trp Arg Cys Thr Cys Lys Ala Arg Gly Leu Pro Glu Asp Gln Leu
 260 265 270
 Thr Lys Leu His Val Ala Thr Asp Gly Arg Ser Arg Leu Cys Pro Pro
 275 280 285
 Leu Pro Pro Gly Tyr Leu Gly Asn Val Val Phe Thr Ala Thr Pro Ile
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 Ala Lys Ser Cys Glu Leu Gln Ser Glu Pro Leu Thr Asn Ser Val Lys
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 325 330 335
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 35 40 45

Lys Pro Asn Gly Ser Ser Asn Phe Phe Asp Ser Lys Ile Met Lys Glu
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Ala Leu Ser Asn Val Leu Val Ser Phe Tyr Pro Met Ala Gly Arg Leu
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Ala Arg Asp Glu Gln Gly Arg Ile Glu Ile Asn Cys Asn Gly Glu Gly
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Val Leu Phe Val Glu Ala Glu Ser Asp Ala Phe Val Asp Asp Phe Gly
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Asp Phe Thr Pro Ser Leu Glu Leu Arg Lys Leu Ile Pro Thr Val Asp
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Thr Ser Gly Asp Ile Ser Thr Phe Pro Leu Ile Ile Phe Gln Val Thr
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Leu Ser Asp Gly Leu Ser Ser Ile His Phe Ile Asn Thr Trp Ser Asp
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Ile Ala Arg Gly Leu Ser Val Ala Ile Pro Pro Phe Ile Asp Arg Thr
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Tyr His Pro Pro Pro Ser Leu Ile Ser Ser Ser Lys Ser Leu Glu Ser
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Ser Arg Leu Cys Pro Pro Leu Pro Pro Gly Tyr Leu Gly Asn Val Val
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Phe Thr Gly Thr Pro Met Ala Lys Ser Ser Glu Leu Leu Gln Glu Pro
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325 330 335

Asp Asn Tyr Leu Arg Ser Ala Leu Asp Tyr Leu Glu Leu Leu Pro Asp
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Asn Ile Asn Ser Trp Thr Arg Leu Pro Val His Asp Ser Asp Phe Gly
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Trp Gly Arg Pro Ile His Met Gly Pro Ala Cys Ile Leu Tyr Glu Gly
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Thr Val Tyr Ile Leu Pro Ser Pro Asn Ser Lys Asp Arg Asn Leu Arg
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ataatgaaag aagcattaag taatgttctt gtttcatttt acccaatggc tggaagatta 240
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